

Query/Command : prt fu 1

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1 / 1 WPAT - ©Thomson Derwent

AN - 1991-114501 [16]

XA - C1991-049383

TI - New water soluble tris:azo naphthalene deriv. dye - used to dye cellulosic or nitrogen-contg. textiles in navy blue shade

DC - E21 F06

PA - (MITU) MITSUBISHI KASEI CORP

NP - 2

NC - 1

PN - JP03056569 A 19910312 DW1991-16 7p \*

AP: 1989JP-0193120 19890726

JP2729402 B2 19980318 DW1998-16 C09B-062/25 12p

FD: Previous Publ. JP3056569

AP: 1989JP-0193120 19890726

PR - 1989JP-0193120 19890726

IC - C09B-062/25 C09B-062/09 C09B-062/513

AB - JP03056569 A

Water-soluble trisazo dye of formula (I):  $R_1 = H, -SO_3H$  or  $-SO_2W$  (where  $W = -CH=CH_2$  or  $-CH_2CH_2OSO_3H$ ),  $R_2 = H$  or  $-SO_3H$ , X is a gp. of formula (II) or (III): Y is halogen or  $-NH$ , (IV), Z is lower alkylamino gp. or phenylamino gp. which is substd. opt. by 1-3C lower alkoxy or  $-OH$ ,  $-SO_3H$  or  $-COOH$  or a gp. of formula (V).

USE/ADVANTAGE - Used for dyeing cellulosic or N-contg. textiles into navy blue. Provides high fastness. The dyed textiles show low discolouration by heat and by aq. alkali soln. in mercerisation. (7pp Dwg.No.0/0)

MC - CPI: E21-D01 E21-D09 F03-F03 F03-F16A F03-F21

UP - 1991-16

UE - 1998-16

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